

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	374	(433/77).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/19 14:45
S2	50	(US-4602316-\$ or US-4772200-\$ or US-5230620-\$ or US-5546624-\$ or US-5782045-\$ or US-5808557-\$ or US-5846341-\$ or US-5993582-\$ or US-6197197-\$ or US-6233818-\$ or US-6241839-\$ or US-4360341-\$ or US-5415772-\$ or US-5468384-\$ or US-6022478-\$ or US-4309287-\$ or US-4342002-\$ or US-4540462-\$ or US-4569759-\$ or US-4812184-\$ or US-4850664-\$ or US-4917344-\$ or US-4925011-\$ or US-4938216-\$ or US-4966709-\$ or US-RE33444-\$). did. or (US-4980060-\$ or US-5017284-\$ or US-5361708-\$ or US-5361768-\$ or US-5453728-\$ or US-5461214-\$ or US-5481088-\$ or US-5483041-\$ or US-5483117-\$ or US-5484527-\$ or US-5485846-\$ or US-5501842-\$ or US-5517001-\$ or US-5520816-\$ or US-5530222-\$ or US-5592942-\$ or US-5594375-\$ or US-5597503-\$ or US-5621243-\$ or US-5636638-\$ or US-5714808-\$ or US-5727118-\$ or US-5746978-\$ or US-5759153-\$). did.	USPAT	AND	ON	2006/07/12 16:50
S3	190	(433/79).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/13 09:34
S5	552	269/37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/13 09:40
S6	164	362/572	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/13 11:01

## EAST Search History

S7	374	(433/77).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/13 11:02
S8	380	S7 or S3 and interchange\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/13 11:02
S9	374	S7 or S3 and ("whip-arm" or "whip arm")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/13 11:03
S10	3	(S7 or S3) and ("whip-arm" or "whip arm")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/13 11:11
S11	16	(S7 or S3) and (interchange\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/13 11:11
S12	5	("3702940"   "3972120"   "4386910"   "4571182"   "5029576").PN. OR ("5334018").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/13 13:03
S13	13	("3271860"   "3774773"   "4179813"   "4206546"   "4275940"   "4386910"   "4571182"   "4976616"   "5127830"   "5161970").PN. OR ("5332392").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/13 13:08
S14	12	("4559671"   "4605124"   "4610630"   "4777574"   "4795669").PN. OR ("4976616").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/13 13:08
S15	13	("3271860"   "3774773"   "4179813"   "4206546"   "4275940"   "4386910"   "4571182"   "4976616"   "5127830"   "5161970").PN. OR ("5332392").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/13 13:08
S16	11	("3359575").PN. OR ("4206546").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/13 13:09
S17	6	("3823475"   "4249900"   "4427382"   "4501557"   "4934933").PN. OR ("5348472").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/13 13:27

## EAST Search History

S18	211	(433/49).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/07/13 13:27
S19	29	(US-20040005526-\$ or US-20030203336-\$ or US-20030073053-\$).did. or (US-6692253-\$ or US-5997297-\$ or US-5902105-\$ or US-5433613-\$ or US-5334018-\$ or US-5332392-\$ or US-5322439-\$ or US-5297961-\$ or US-5211558-\$ or US-5127830-\$ or US-4976616-\$ or US-4952146-\$ or US-4359316-\$ or US-3922879-\$ or US-3823475-\$ or US-3817588-\$ or US-3518764-\$ or US-5348472-\$ or US-4445859-\$ or US-4179813-\$ or US-D351231-\$ or US-D349162-\$). did. or (EP-202476-\$ or DE-3302190-\$ or DE-3117264-\$ or GB-2012592-\$).did.	US-PGPUB; USPAT; EPO	AND	ON	2006/07/13 15:56
S20	1	S19 and (detection or detect)	US-PGPUB; USPAT; EPO	AND	ON	2006/07/13 15:57
S21	1	S19 and (detection or detect or detector)	US-PGPUB; USPAT; EPO	AND	ON	2006/07/13 15:58
S22	11	(S3 or S7) and (detection or detect or detector)	US-PGPUB; USPAT; EPO	AND	ON	2006/07/13 16:03
S23	279	instrument removal detector	US-PGPUB; USPAT; EPO	SAME	ON	2006/07/13 16:04
S24	2	(instrument removal detector) and handpiece	US-PGPUB; USPAT; EPO	SAME	ON	2006/07/13 16:04
S26	1	10/562939.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/19 14:02
S27	13	("3271860"   "3774773"   "4179813"   "4206546"   "4275940"   "4386910"   "4571182"   "4976616"   "5127830"   "5161970").PN. OR ("5332392").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 14:40

## EAST Search History

S28	383	(433/77).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/19 14:45
S29	12	S28 and interchange\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/19 14:50
S30	1770	(medical or dental or surgical) same (tool or instrument) same (table or stand or console)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/19 14:53
S31	14	(medical or dental or surgical) same (tool or instrument) same (table or stand or console) same interchangeable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/19 14:51
S34	193	(433/79).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/09/19 14:55
S35	7	S34 and interchange\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/19 14:56
S36	10	("3160379"   "3890096"   "4179813"   "4445859").PN. OR ("4571182"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 15:03
S37	14	("3530513").PN. OR ("3650033"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 15:11
S38	8	("3160379"   "3229368"   "3650033").PN. OR ("3949480"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 15:12